

**RECEIVED
CENTRAL FAX CENTER**

Nov-30-05 03:57pm From-Affymetrix, Inc.

NOV 30 2005

408 731 5392

T-440 P.001/010 F-524

PTO/SB/81 (11-04)

Approved for use through 11/30/2005. OMB 0651-0035
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB control number.

**POWER OF ATTORNEY
and
CORRESPONDENCE ADDRESS
INDICATION FORM**

Application Number	10/615,560
Filing Date	07/08/2003
First Named Inventor	Ciccolella, et al
Title	System and Method for Examination...
Art Unit	1634
Examiner Name	J. A. Goldberg
Attorney Docket Number	3429.1

I hereby revoke all previous powers of attorney given in the above-identified application.

I hereby appoint:

☒ Practitioners associated with the Customer Number:

28315

OR

☐ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☒ The address associated with the above-mentioned Customer Number

OR

☐ The address associated with Customer Number:

OR

☐ Firm or
Individual Name

Address

City

State

ZIP

Country

Telephone

Fax

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.

Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record

Signature	<i>Philip L. McGarrigle</i>	Date	Nov. 29, 2005
Name	Philip L. McGarrigle	Telephone	408-731-5923
Title and Company	Assistant Corporate Secretary, Affymetrix, Inc.		

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☒ Total of 10 forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

NOV 30 2005

PTO/SB/06 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Affymetrix, Inc.Application No./Patent No.: 10/615,560Filed/Issue Date: July 8, 2003Entitled: System and Method for Examination of Microarrays Using Scanning Electron MicroscopeAffymetrix, Inc., a Delaware Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title, and interest

The extent (by percentage) of its ownership interest is _____ %

In the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 015954, Frame 0274, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Phillip L. McGarrigle
Signature

Phillip L. McGarrigle

Printed or Typed Name

Assistant Corporate Secretary,
Affymetrix, Inc.

Title

Nov. 29, 2005
Date

408-731-5000

Telephone Number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Facsimile Transmission

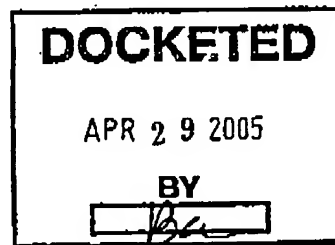
*This company uses RightFAX® fax
server software from RightFAX, Inc.*

From: Name: USPTO ASSIGNMENT DIVISION
Fax Number:
Voice Phone: 703-308-9723

To: Name: AFFYMETRIX, INC.
Company: CHIEF IP COUNSEL, LEGAL DEPT.
Fax Number: 14087315392
Voice Phone:

Fax Notes:

Pg#	Description
1	Cover Page
2	689.TXT
4	Document 1, Batch 435192



PTAS FAX PROCESSING

Date and time of transmission: Thursday, April 28, 2005 10:28:20 AM
Number of pages including this cover sheet: 04

A RightFAX® Communicated Document



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231



*700161972A

APRIL 27, 2005

PTAS

AFFYMETRIX, INC.
CHIEF IP COUNSEL, LEGAL DEPT.
LETICIA R. BLOCK
3380 CENTRAL EXPRESSWAY
SANTA CLARA, CA 95051

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES DIVISION, P.O. BOX 1450, ALEXANDRIA, VA 22314.

RECORDATION DATE: 03/14/2005

REEL/FRAME: 015954/0274
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
CICCOLELLA, PAUL C.

DOC DATE: 11/26/2003

ASSIGNOR:
HOZBOR, MARIA A.

DOC DATE: 11/26/2003

ASSIGNEE:
AFFYMETRIX, INC.
3380 CENTRAL EXPRESSWAY
SANTA CLARA, CALIFORNIA 95051

SERIAL NUMBER: 10615560

FILING DATE: 07/08/2003

PATENT NUMBER:

ISSUE DATE:

TITLE: SYSTEMS AND METHOD FOR EXAMINATION OF MICROARRAYS USING SCANNING ELECTRON MICROSCOPE

015954/0274 PAGE 2

TARA WASHINGTON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

**RECEIVED
CENTRAL FAX CENTER**

Nov-30-05 03:58pm From-Affymetrix, Inc.

NOV 30 2005

408 731 5392

T-440 P.006/010 F-524

Form PTO-1595 (Rev. 03/04)
OMB No. 0705-0037 (exp. 03/31/2005)

03/14/2005

700161972

United States Patent and Trademark Office

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Paul C. Ciccolella
Maria A. Hozbor

Execution Date(s) 11/26/2003 and 11/26/2003

Additional name of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory Licenses
☐ Other _____

2. Name and address of receiving party(ies)

Name: Affymetrix, Inc.

Internal Address: _____

Street Address: 3380 Central Expressway

City: Santa Clara

State: California

Country: USA Zip: 95051

Additional Name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

A. Patent Application No.(s)
10/615,680

☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning this document should be mailed:

Name: Affymetrix, Inc.

Internal Address: Chief IP Counsel, Legal Dept.

Street Address: 3380 Central Expressway

City: Santa Clara

State: CA Zip: 95051

Phone Number: 408-731-5000

Fax Number: 408-731-5392

Email Address: _____

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 91-0491
Authorized User Name Leticia R. Block

9. Signature:

Leticia R. Block
Signature

March 14, 2005

Leticia R. Block

Date
Total number of pages including cover sheet, attachments, and documents 3

Name of Person Signing

Documents to be recorded (including cover sheet) should be filed to (703) 300-6000, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

Confirmation Report - Memory Send

Page : 001
Date & Time: Mar-14-05 03:25pm
Line 1 : 408 731 5392
Machine ID : Affymetrix, Inc.

3429.1

US\$N 10/65,560

Job number : 790
Date : Mar-14 03:23pm
To : 917033065995
Number of pages : 003
Start time : Mar-14 03:23pm
End time : Mar-14 03:25pm
Pages sent : 003
Status : OK

RECEIVED
CENTRAL FAX CENTER

NOV 30 2005

Job number : 790

*** SEND SUCCESSFUL ***

RECORDATION FORM COVER SHEET PATENTS ONLY	
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.	
1. Name of conveying party(ies)/Execution Date(s) Paul C. Ciccolotta Marie A. Hozder Execution Date(s) <u>11/20/2003 and 11/25/2003</u> Additional name of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies) Name: <u>Affymetrix, Inc.</u> Internal Address: _____ Street Address: <u>3550 Central Expressway</u> City: <u>Santa Clara</u> State: <u>California</u> Zip: <u>95051</u> Country: <u>USA</u> Additional Name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____	4. Application number(s) or patent number(s) A. Patent Application No.(s) <u>10/815,650</u> Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> This document is being filed together with a new application. B. Patent No.(s)
5. Name and address of party to whom correspondence concerning this document should be mailed: Name: <u>Affymetrix, Inc.</u> Internal Address: <u>Chief IP Counsel, Legal Dept.</u> Street Address: <u>3550 Central Expressway</u> City: <u>Santa Clara</u> Zip: <u>95051</u> State: <u>CA</u> Phone Number: <u>408-731-5000</u> Fax Number: <u>408-731-5392</u> Email Address: _____	6. Total number of applications and patents involved: <input checked="" type="checkbox"/> 7. Total fee (37 CFR 1.21(N) & 3.41) \$ <u>50.00</u> <input type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (Government interest not affecting this) 8. Payment information a. Credit Card Last 4 Numbers _____ Expiration Date _____ b. Deposit Account Number <u>81-0431</u> Authorized User Name <u>Leslie R. Block</u> March 14, 2005
9. Signature: <u>Leslie R. Block</u> Signature Name of Person signing Total number of pages including cover sheet, attachments, and documents <u>3</u> Date	

BEST AVAILABLE COPY

**RECEIVED
CENTRAL FAX CENTER**

Nov-30-05 03:58pm From-Affymetrix, Inc.

NOV 30 2005

408 731 5392

T-440 P.008/010 F-524

Form PTO-1595 (Rev. 09/04)
OMB No. 0651-0027 (exp. 6/30/2005)

United States Patent and Trademark Office

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

To the Director of the U.S. Patents and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Paul C. Ciccolalla
Maria A. Hozbor

Execution Date(s) 11/26/2003 and 11/26/2003

Additional name of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: Affymetrix, Inc.

Internal Address: _____

Street Address: 3380 Central Expressway

City: Santa Clara

State: California

Country: USA Zip: 95051

Additional Name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

A. Patent Application No.(s)
10/615,560

☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning this document should be mailed:

Name: Affymetrix, Inc.

Internal Address: Chief IP Counsel, Legal Dept.

Street Address: 3380 Central Expressway

City: Santa Clara

State: CA Zip: 95051

Phone Number: 408-731-5000

Fax Number: 408-731-5392

Email Address: _____

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 01-0431

Authorized User Name Leticia R. Block

9. Signature:

Leticia R. Block
Signature

March 14, 2005

Date

Leticia R. Block

Total number of pages including cover sheet, attachments, and documents 3

Name of Person Signing

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

Docket No. 3429.1

ASSIGNMENT

We, the undersigned PAUL C. CICCOLELLA; MARIA A. HOZBOR, hereby

Sell, assign and transfer to Affymetrix Inc., a corporation organized and existing under the laws of the State of Delaware, having a usual place of business at 3380 Central Expressway, Santa Clara, CA 95051 its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the patent application filed in the United States Patent and Trademark Office on July 8, 2003, Serial No. 10/615,560 and entitled **SYSTEMS AND METHOD FOR EXAMINATION OF MICROARRAYS USING SCANNING ELECTRON MICROSCOPE** and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; derived from or claiming priority to said application, and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

Agree that said Assignee may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of Assignee, agree to carry out in good faith the intent and purpose of this assignment, by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to me relating to said inventions and history thereof, and generally doing everything possible which said Assignee shall consider desirable for aiding and securing and maintaining proper patent protection for said inventions and vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee;

Hereby request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee;

Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

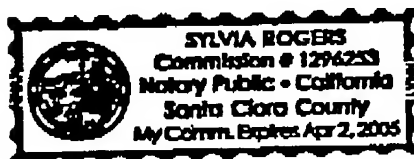
11/26/2003
Date

Paul C. Ciccolella
PAUL C. CICCOLELLA

State of California)
County of San Jose)

On November 26, 2003, before me, Sylvia Rogers, personally appeared Paul C. Ciccolella personally known to me/proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS by my hand and official seal



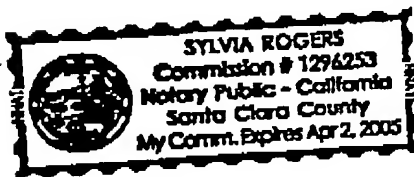
Signature of Notary Public: Sylvia Rogers

11-26-03
Date

Maria A. Hozbor
MARIA A. HOZBOR

State of California
County of San Jose

On November 26, 2003, before me, Sylvia Rogers, personally
appeared Maria A. Hozbor, personally known to me, proved to me on the
basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to me that he/she/they executed
the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the
person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS by my hand and official seal

Signature of Notary Public: Sylvia Rogers